Recombinant Human FASTKD2 Protein, GST-tagged

Cat. No. FASTKD2-21H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FASTKD2 Protein, fused to GST-tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a protein that is localized in the mitochondrial inner compartment and that may play a role in mitochondrial apoptosis. Nonsense mutations have been reported to result in cytochrome c oxidase deficiency.
Form	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.0) added with 100mM GSH and 1% Triton X-100,15% glycerol.
Molecular Mass	66.3 kDa
AA Sequence	MSPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY YIDGDVKLTQSMAIIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSRIAYSKDFE TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA FPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPRGSILLD ECSKVVLDNIHGCPLRIMINILQSCKDLQYHNLDLFKGLADYVAATFDIWKFRKVLFILI LFENLGFRPVGLMDLFMKRIVEDPESLNMKNILSILHTYSSLNHVYKCQNKEQFVEV MASALTGALHTISSENLLDAVYSFCLMNYFPLAPFNQLLQKDIISELLTSDDMKNAYKL HTLDTCLKLDDTVYLRDIALSLPQLPRELPSSHTNAKVAEVLSSLLGGEGHFSKDVHL PHNYHIDFEIRMDTNRNQVLPLSDVDTTSATDIQRVAVLCVSRSAYCLGSSHPRGFL AMKMRHLNAMGFHVILVNNWEMDKLEMEDAVTFLKTKIYSVEALPVAAVNVQSTQ

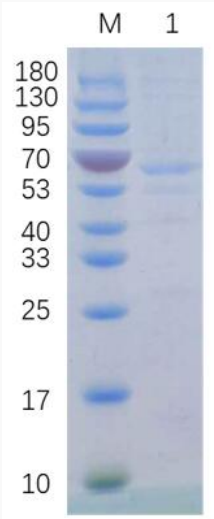
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Purity	>90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.67 mg/ml

GENE INFORMATION

Gene Name	FASTKD2 FAST kinase domains 2 [Homo sapiens (human)]
Official Symbol	FASTKD2
Synonyms	COXPD44; KIAA0971
Gene ID	22868
mRNA Refseq	NM_001136193
Protein Refseq	NP_001129665
MIM	612322
UniProt ID	Q9NYY8

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SDS-PAGE	 Reducing 12% SDS-PAGE analysis profile of purified FASTKD2-Y489A (CBB stained)

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